



## STEREO CAMERA

### ABSTRACT OF THE DISCLOSURE

A stereo camera includes a pair of photographing  
5 optical systems arranged in a common plane so that a common  
photographing coverage occurs between a pair of  
photographing areas taken by the pair of photographing  
optical systems, an object distance measuring device, a  
convergence angle adjustment mechanism adapted to vary an  
10 angle of convergence defined by, and between, the optical  
axes of the pair of photographing optical systems, so as to  
adjust an amount of common photographic coverage of the pair  
of photographing optical systems, and a controller adapted  
to control the convergence angle adjustment mechanism in  
15 accordance with object distance data obtained by the object  
distance measuring device.